



## **AMERICAN VANADIUM TARGETS INSTALLATION DATE OF THE 400 kWh CELLCUBE™ VANADIUM FLOW ENERGY STORAGE SYSTEM AT MTA HEADQUARTERS IN MANHATTAN**

### **New York Fire Department Has Provided Letter of No Objection For Commercial Demonstration at 2 Broadway, New York City**

**October 20, 2015 - AMERICAN VANADIUM CORP.** (“American Vanadium” or the “Company”) (TSX.V: AVC) (OTC: AVCVF) announces it has targeted late March, 2016 to lift three CellCube™ Energy Storage Systems to the 25<sup>th</sup> floor setback of the Metropolitan Transportation Authority (MTA)’s Energy Star Certified facility at 2 Broadway in downtown Manhattan.

The CellCube is now the only battery chemistry other than lead acid to receive a letter of no objection from the New York Fire Department, to date. The NYFD letter is subject compliance with a number of safety requirements, and additionally, the Company’s application to NY’s Department of Buildings for code compliance remains in process.

The CellCube is the world’s leading vanadium flow energy storage system with 89 commercial installations having a combined 2,000,000 hours of operation. The modular CellCube system, developed and manufactured by GILDEMEISTER energy storage GmbH of Austria, excels at long-duration energy storage and can serve loads from 10 kilowatts to multi-megawatts.

“This ground-breaking energy storage installation at the headquarters of the MTA, one of the largest consumers of electricity in the United States for public mass transit, is intended to demonstrate how commercial buildings can save money by shifting energy and, at the same time, improve resiliency in the event of future grid outages,” said Bill Radvak, President & CEO of American Vanadium Corp.

This demonstration, hosted by the MTA and the New York City Transit (NYCT) Office of Strategic Innovation and Technology, is intended to augment existing successful facility energy management measures at the MTA’s 1.6 million square foot office building.

Dr. William Acker, Executive Director of the New York Battery and Energy Storage Technology consortium (NY-BEST), stated, “Through the Reforming the Energy Vision (REV) initiative, New York State is transforming the electricity industry and actively pursuing commercially ready technologies that will help grow a clean energy economy and improve the reliability, efficiency and overall performance of our electric power delivery system. This project will demonstrate the important role energy storage can play in helping consumers save money, reduce peak load demands and provide the grid serving New York with stored energy during times of shortage or disruption.”

New York State Energy Research and Development Authority (NYSERDA) is supporting the commercial demonstration of the CellCube™ vanadium redox flow energy storage system. ConEdison and the Advanced Energy Research Technology Center (AERTC) at Stony Brook are also providing support for this effort.

About the New York Battery and Energy Storage Technology Consortium (NY-BEST) NY-BEST is a non-profit corporation established in 2010 with support from the New York State Energy Research and Development Authority (NYSERDA) to position New York State as a global leader in energy storage technology. An industry-led consortium with more than 150 members, NY-BEST's mission is to catalyze and grow the energy storage industry and establish New York State as a global leader in the energy storage industry. Visit NY-BEST on the web at [www.ny-best.org](http://www.ny-best.org).

About American Vanadium Corp.

American Vanadium is an integrated energy storage company and the Master Sales Agent in North America for the CellCube vanadium flow energy storage system. The CellCube is developed and produced by GILDEMEISTER energy solution, a division of DMG Mori Seiki AG. The CellCube is the world's leading commercially available vanadium flow battery, providing long duration solutions over a 20+ year life for a broad range of applications including renewable energy integration and demand charge reduction. The CellCube is a powerful, durable and reliable energy storage system that ensures a clean, emission-free energy supply at all times. American Vanadium is developing the Gibellini Vanadium Project in Nevada to be the only dedicated vanadium mine in the United States, providing a critical source of vanadium electrolyte for CellCube energy storage systems.

ON BEHALF OF THE BOARD

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